

**FOR UTILITY/DESIGN
CIP/PCT NATIONAL/PLANT
ORIGINAL/SUBSTITUTE/SUPPLEMENTAL
DECLARATIONS**

**RULE 63 (37 C.F.R. 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**PM & S
FORM**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the **INVENTION ENTITLED LOW DENSITY COMPOSITE ROCKET NOZZLE COMPONENTS AND PROCESS FOR MAKING THE SAME FROM STANDARD DENSITY PHENOLIC MATRIX, FIBER REINFORCED MATERIALS**

the specification of which (CHECK applicable BOX(ES))
☒ is attached hereto.
 BOX(ES) ☒ was filed on June 4, 1998 as U.S. Application No. 09/090,256
☒ was filed as PCT International Application No. PCT/ / on June 4, 1998

and (if applicable to U.S. or PCT application) was amended on
 I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

| PRIOR FOREIGN APPLICATION(S) | | Date first Laid- | Date Patented | Priority Claim |
|------------------------------|---------|-------------------|---------------|----------------|
| Number | Country | open or Published | or Granted | Yes No |

I hereby claim domestic priority benefit under 35 U.S.C. 119/120/365 of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

| PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S) | | Status | Priority Claimed |
|--|----------------------|------------------------------|------------------|
| Application No. (series code/serial no.) | Day/MONTH/Year Filed | pending, abandoned, patented | Yes No |
| 60/048,605 | 04 June 1997 | | X |
| 60/048,672 | 05 June 1997 | | X |
| 60/048,604 | 04 June 1997 | | X |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Madison & Sutro LLP, Intellectual Property Group, 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3918, telephone number (202) 861-3000 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above firm and/or a below attorney in writing to the contrary.

| | | | | | | | |
|----------------------|-------|--------------------|-------|----------------------|-------|----------------------|-------|
| Paul N. Kokulis | 16773 | Edward M. Prince | 22429 | Michelle N. Lester | 32331 | Paul F. McQuade | 31542 |
| Raymond F. Lippitt | 17519 | David W. Brinkman | 20817 | Jeffrey A. Simenauer | 31993 | Ruth N. Morduch | 31044 |
| G. Lloyd Knight | 17698 | Donald J. Bird | 25323 | G. Paul Edgell | 24238 | Richard H. Zaitlen | 27248 |
| Carl G. Love | 18781 | Peter W. Gowdey | 25872 | Lynn E. Eccleston | 35861 | Roger R. Wise | 31204 |
| Edgar H. Martin | 20534 | Dale S. Lazar | 28872 | Timothy J. Klima | 34852 | Jay M. Finkelstein | 21082 |
| William K. West, Jr. | 22057 | Paul E. White, Jr. | 32011 | David A. Jakopin | 32995 | Anita M. Kirkpatrick | 32617 |
| K vin E. Joyce | 20508 | Glenn J. Perry | 28458 | Mark G. Paulson | 30793 | | |
| George M. Sirilla | 18221 | Kepprew H. Colton | 30368 | Stephen C. Glazier | 31361 | | |

(1) INVENTOR'S SIGNATURE: Allan P. Thompson Date: 7/20/98

| | | | |
|---------------------|----------------------------------|-------------|------------------------|
| Allan | | P. | THOMPSON |
| First | Middle Initial | Family Name | |
| Residence | Brigham City | Utah | United States |
| City | State/Foreign Country | | Country of Citizenship |
| Post Office Address | P.O. Box 707, Brigham City, Utah | | |
| (include Zip Code) | 84302-0707 | | |

(2) INVENTOR'S SIGNATURE: John K. Shigley Date: 7/20/98

| | | | |
|---------------------|----------------------------------|-------------|------------------------|
| John | | K. | SHIGLEY |
| First | Middle Initial | Family Name | |
| Residence | Brigham City | Utah | United States |
| City | State/Foreign Country | | Country of Citizenship |
| Post Office Address | P.O. Box 707, Brigham City, Utah | | |
| (include Zip Code) | 84302-0707 | | |

(FOR ADDITIONAL INVENTORS, check box ☐ to attach PAT 116-2 same information for each re signature, name, date, citizenship, residence and address.)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Thompson et al.

Serial No.: 09/090,256

Filed: June 4, 1998

For: LOW DENSITY COMPOSITE
ROCKET NOZZLE COMPONENTS AND
PROCESS FOR MAKING THE SAME
FROM STANDARD DENSITY
PHOENOLIC MATRIX, FIBER
REINFORCED MATERIALS

Confirmation No.: Unknown

Examiner: S. Purvis

Group Art Unit: 1734

Attorney Docket No.: 2507-5776.1US
(21595-US-01)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

March 27, 2003
Date

Signature

Joseph A. Walkowski
Name (Type/Print)

**POWER OF ATTORNEY (37 C.F.R. 1.34(a)), REVOCATION OF PRIOR
POWER OF ATTORNEY (37 C.F.R. 1.36) and REQUEST TO
CHANGE CORRESPONDENCE ADDRESS (37 C.F.R. 1.33(d))
with STATEMENT PURSUANT TO 37 C.F.R. 3.73**

Commissioner for Patents
Washington, D.C. 20231

Sir:

As assignee of the entire interest in the above-identified application, all powers of attorney previously given herein are HEREBY REVOKED and the following attorneys are hereby appointed to prosecute and transact all business in the U.S. Patent and Trademark Office in connection herewith, and with all continuing and divisional applications hereof.

David V. Trask, Reg. No. 22,012
William S. Britt, Reg. No. 20,969
Laurence B. Bond, Reg. No. 30,549
Joseph A. Walkowski, Reg. No. 28,765
James R. Duzan, Reg. No. 28,393
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Trent N. Butcher, Reg. No. P-51,518
G. Scott Dorland, Ph.D., Reg. No. 51,622

In accordance with 37 C.F.R. 1.33(d), please change the address for all purposes in connection with the above-identified patent and direct all communications to:

JOSEPH A. WALKOWSKI
TRASKBRITT, PC
P. O. Box 2550
Salt Lake City, Utah 84110
(801) 532-1922

Pursuant to 37 C.F.R. 3.73, the undersigned representative of the Assignee has reviewed the evidentiary documents, specifically:

1. The Assignment from Allan P. Thompson and John K. Shigley to Cordant Technologies Inc., recorded on August 28, 1998, at Reel 9433, Frame 0166;

2. The Change of Name from Cordant Technologies Inc. to Thiokol Propulsion Corp., recorded on December 7, 2001, at Reel 012391, Frame 0001; and

3. The Assignment from Thiokol Propulsion Corp., to Alliant Techsystems Inc. recorded on December 7, 2001, at Reel 012343, Frame 0001,

and certifies that to the best of his knowledge and belief, title remains in the name of Alliant Techsystems Inc. as Assignee of record of the entire interest in the above-identified patent application.

The undersigned further avers that he is empowered to make and sign the foregoing certification on behalf of the Assignee, and to take the action set forth herein on behalf of the Assignee, pursuant to a resolution of its Board of Directors.

Respectfully submitted,

ALLIANT TECHSYSTEMS INC.

Dated: March 25, 2003

By: 

Bruce C. Anderson, Esq. (Reg. No. 46,519)
Assistant Secretary